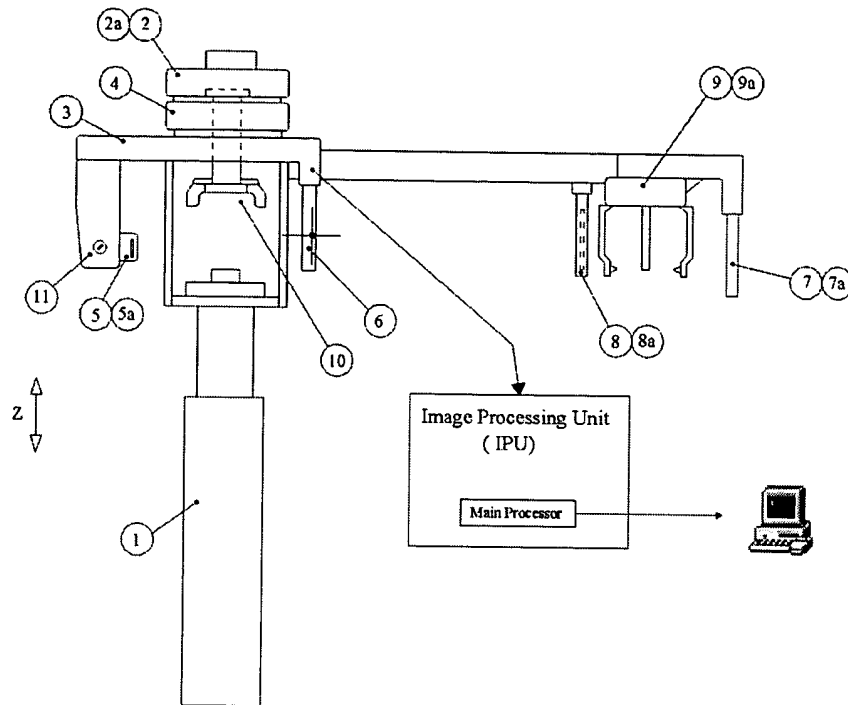


FIG. 1: System outline



- |                                      |                               |
|--------------------------------------|-------------------------------|
| 1) Frame 1, base                     | 8) Second X-ray collimator    |
| 2) Frame 2                           | 8a) Actuator, second X-ray    |
| collimator                           | 9) Second patient             |
| 2a) Actuator, Z-axis                 | 9a) Actuator, second patient  |
| positioning                          | 10) First patient positioning |
| 3) Frame 3, rotary unit              | 11) X-ray source              |
| positioning                          | 12) Actuator, arm             |
| 4) Cinematic Assembly                | 13) Actuator, sensor tilt     |
| 5) First X-ray collimator            | 14) Independent support       |
| 5a) Actuator, first X-ray collimator | 14a) Actuator, independent    |
| 6) X-ray imager                      |                               |
| 7) X-ray imager                      |                               |
| 7a) Actuator, X-ray imager           |                               |
| support                              |                               |

FIG. 2: System block diagram

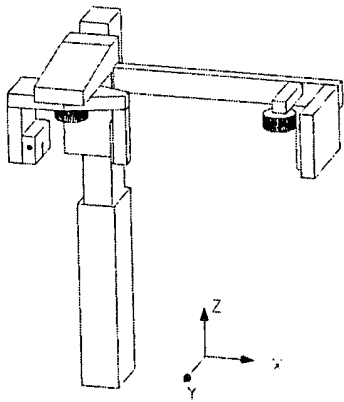
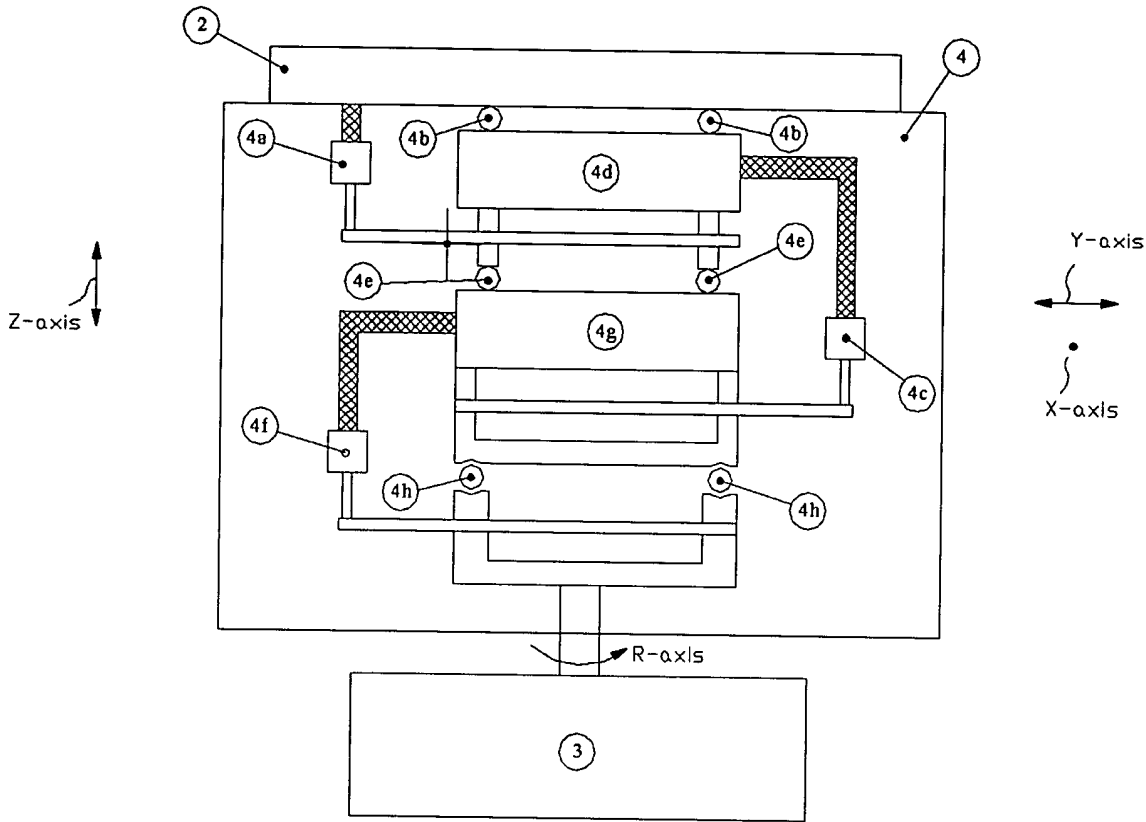


FIG. 3:

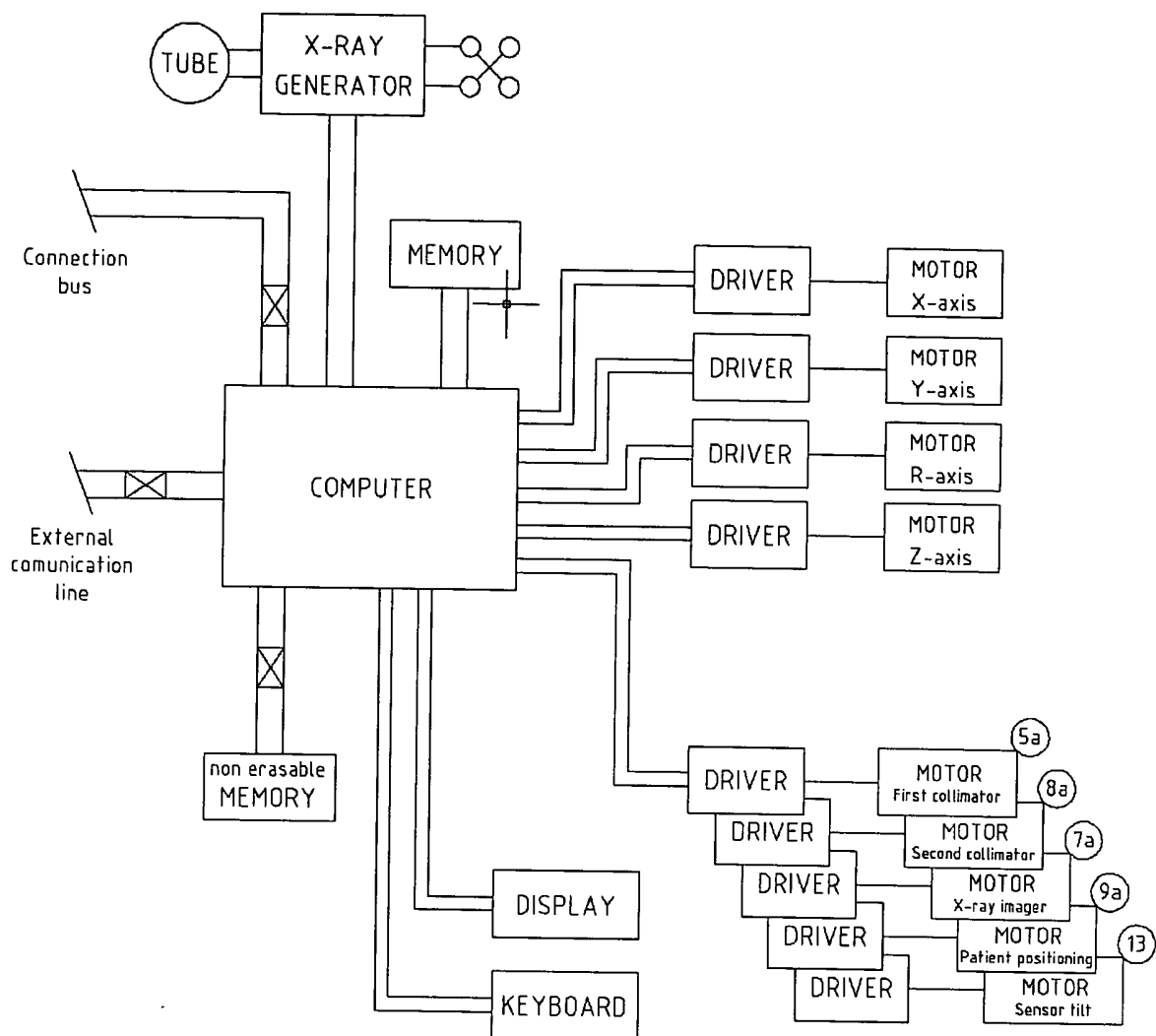


FIG. 4:

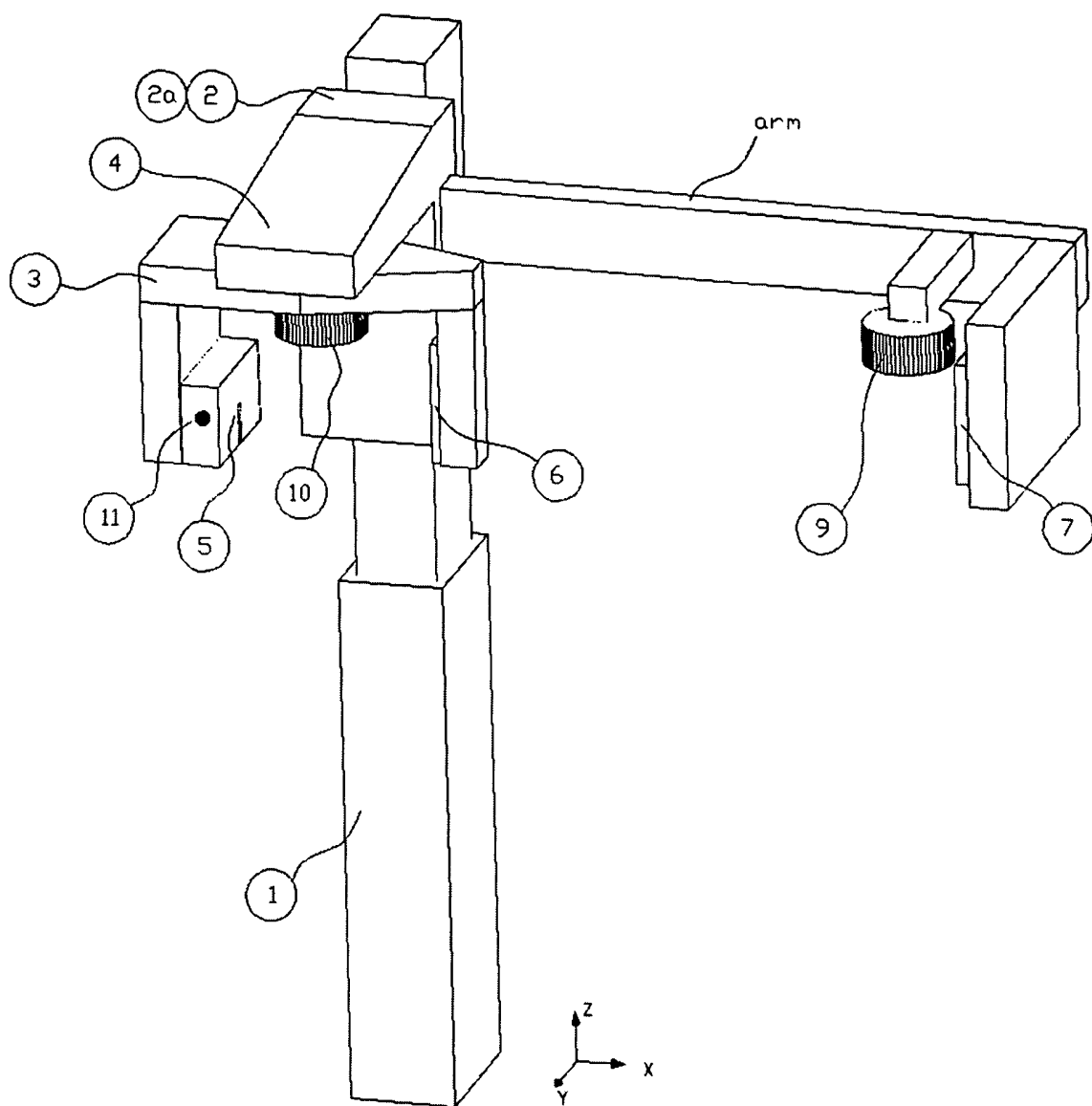


FIG. 4a:

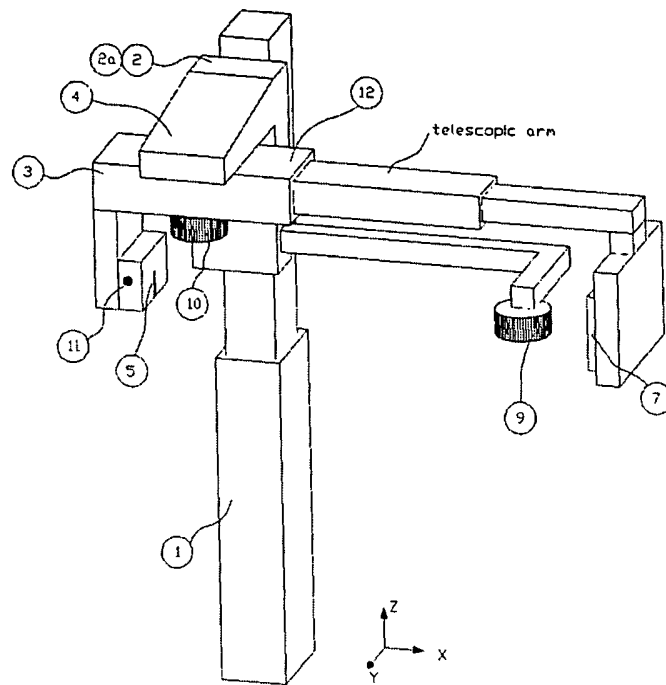


FIG. 4b:

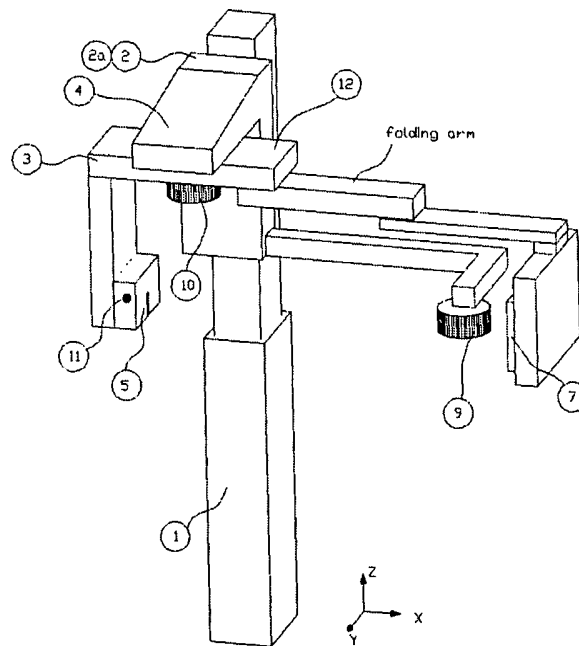


FIG. 5:

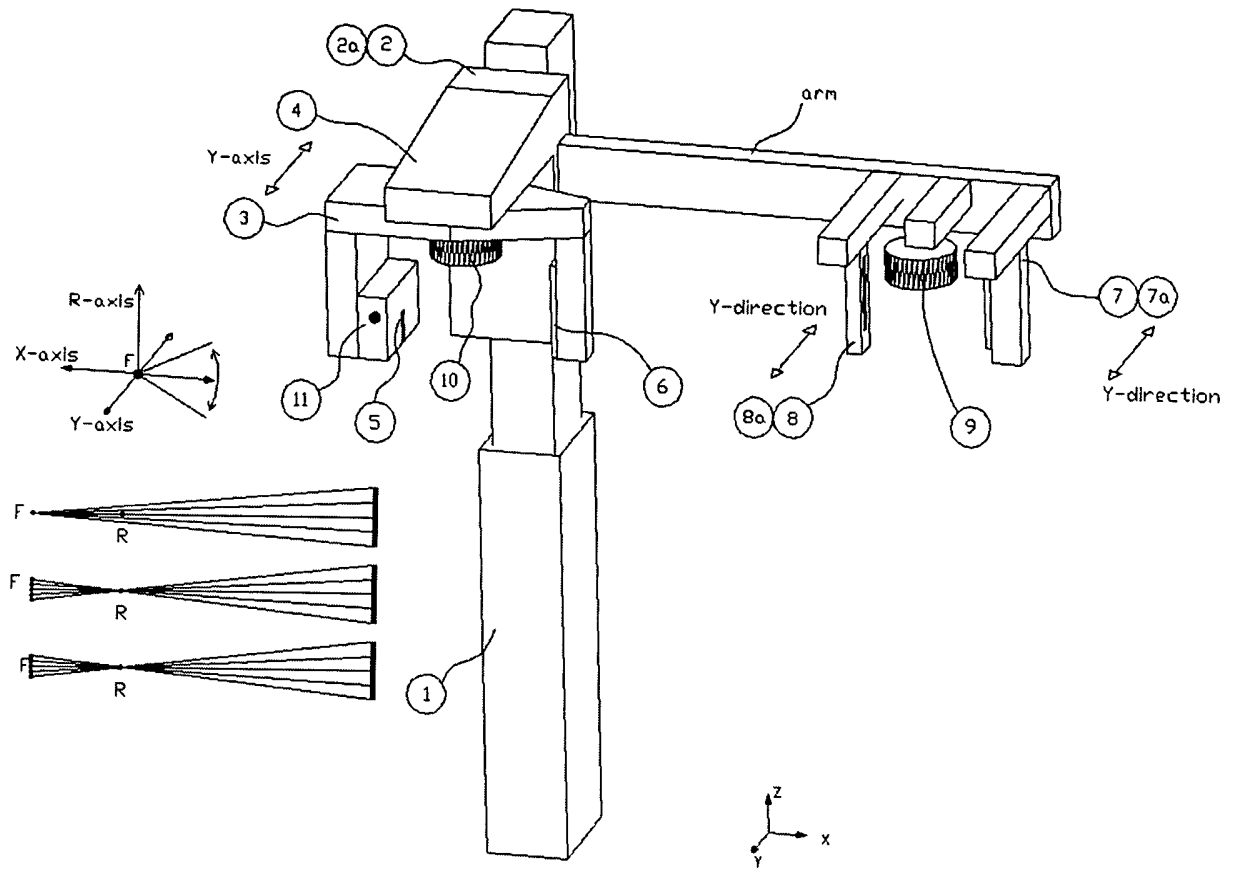


Fig. 1 is a perspective view of the probe assembly. It shows a vertical support (1) with a base (2) and a top section (2a). A horizontal arm (12) is mounted on the top section. A probe (10) is mounted on the arm. A Y-axis is indicated. A Y-direction is also indicated. A Z-axis and X-axis are shown at the bottom right.

FIG. 5a':

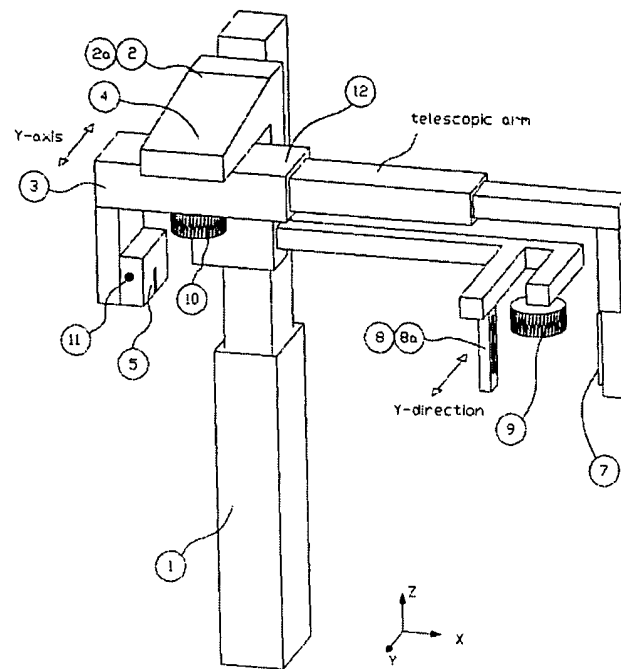


FIG. 5b':

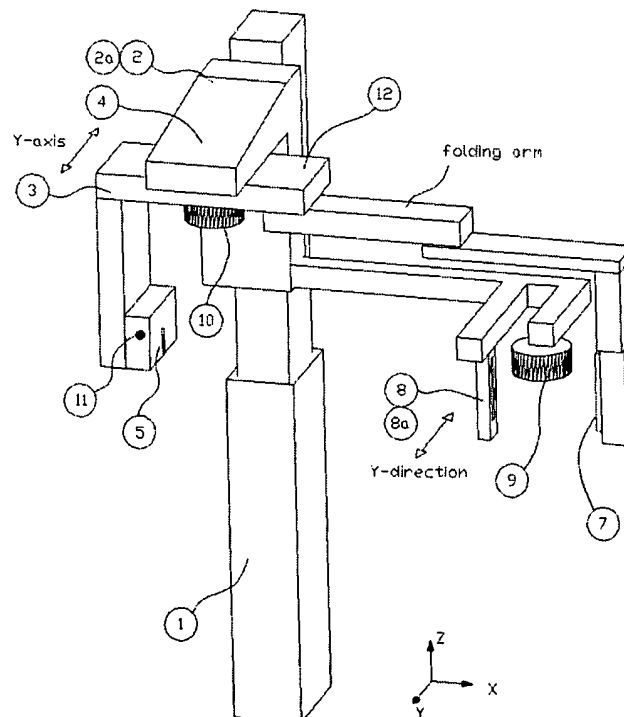




FIG. 6:

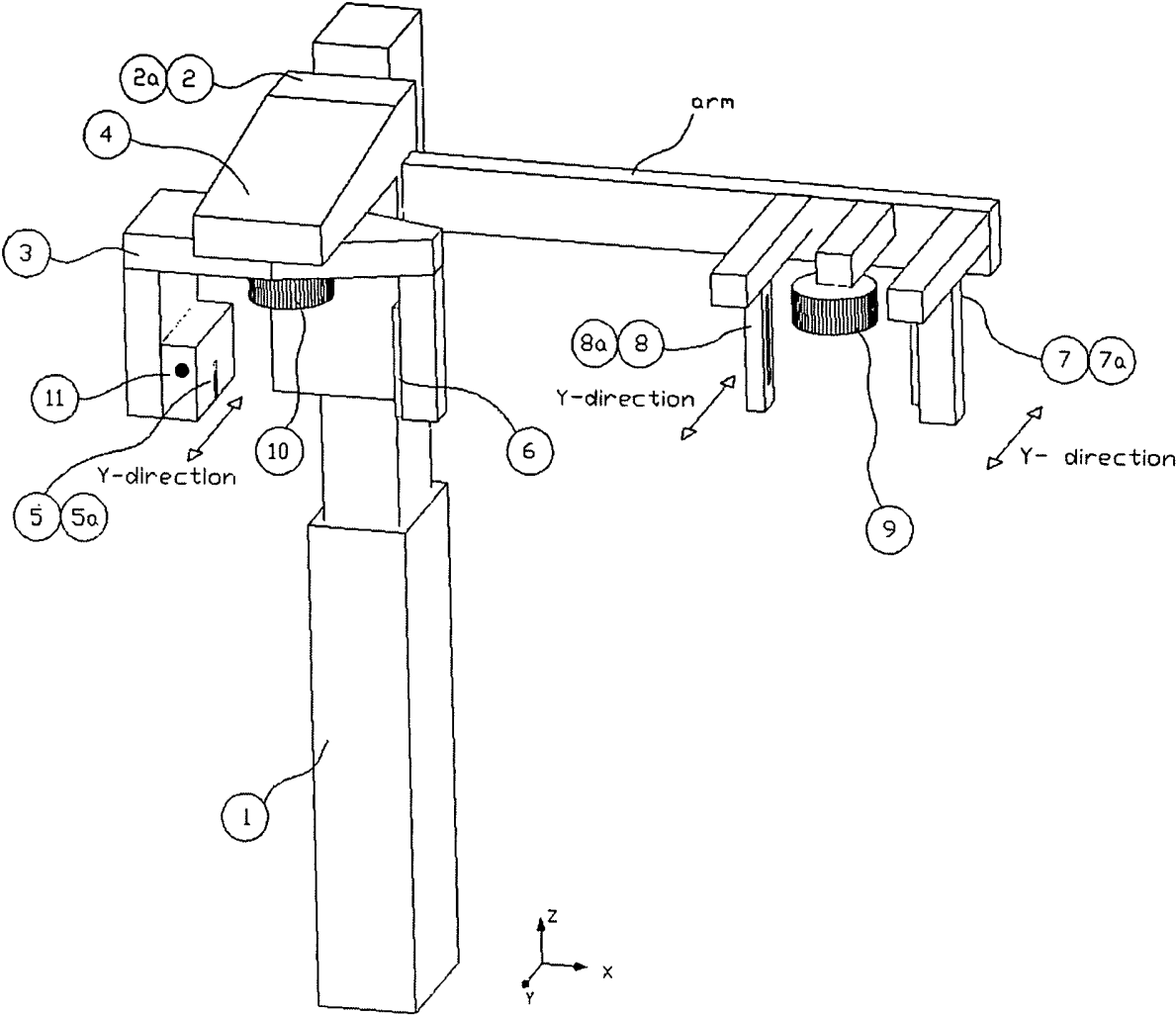


FIG. 6a:

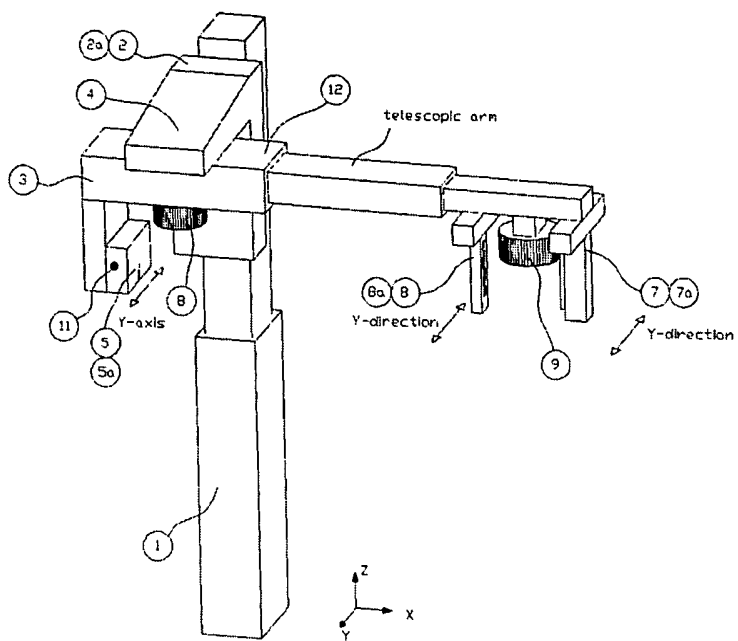


FIG. 6b:

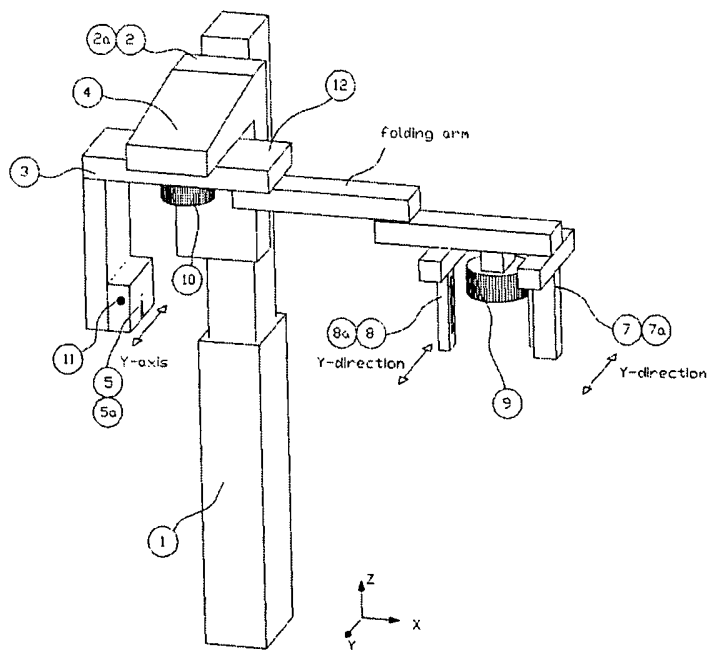


FIG. 6a':

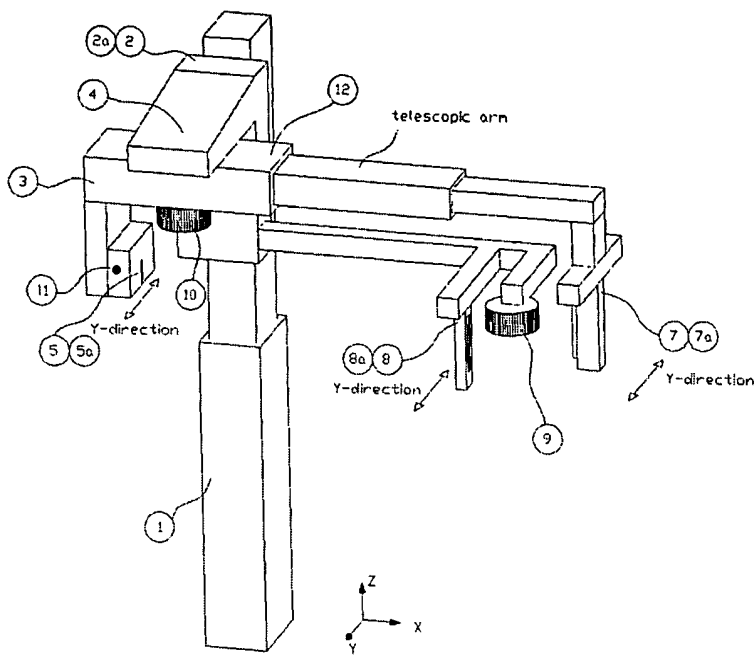


FIG. 6b':

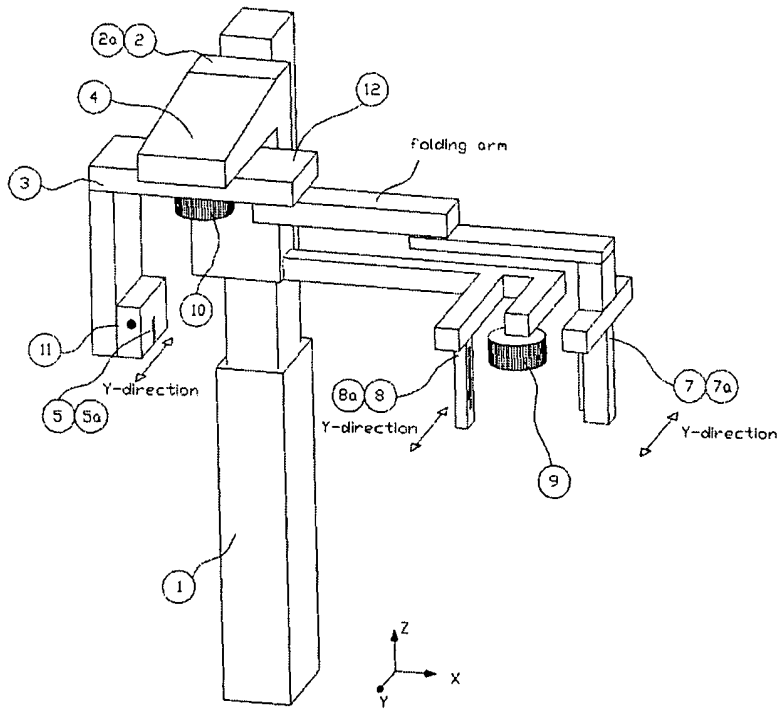


FIG. 7:

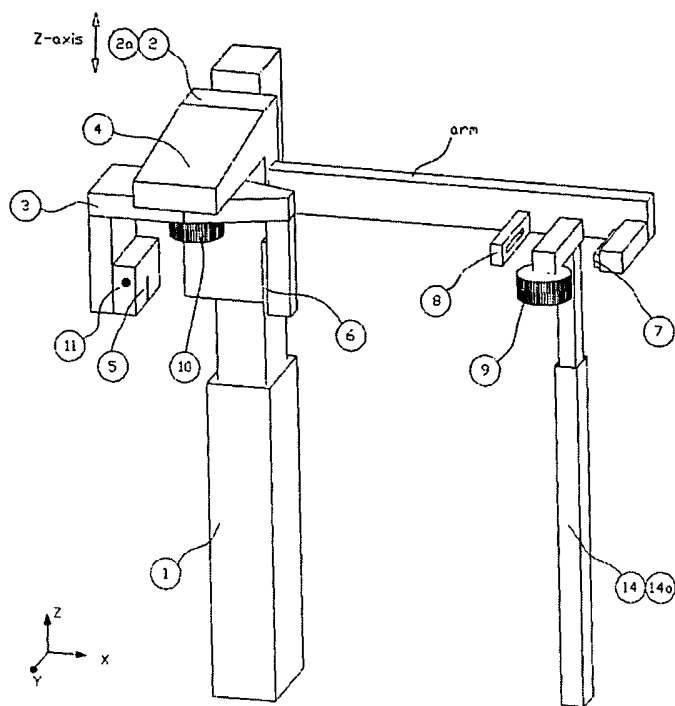


FIG. 7a:

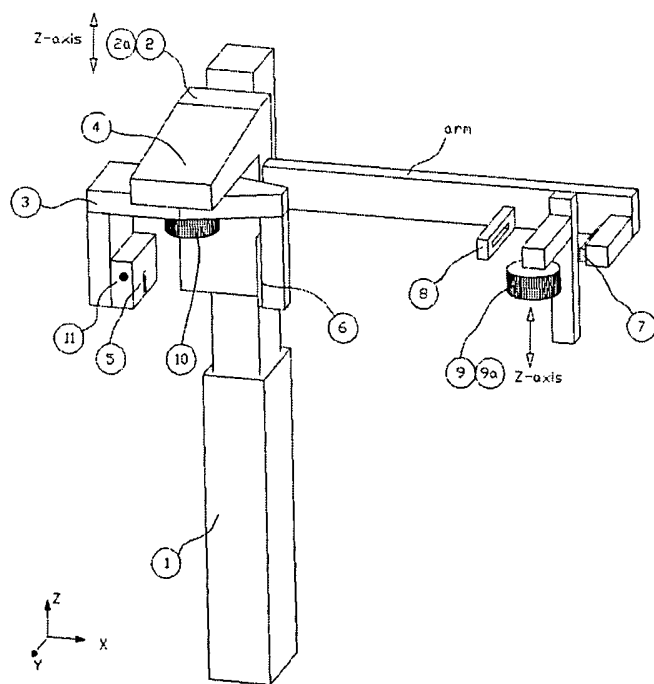


FIG. 7b:

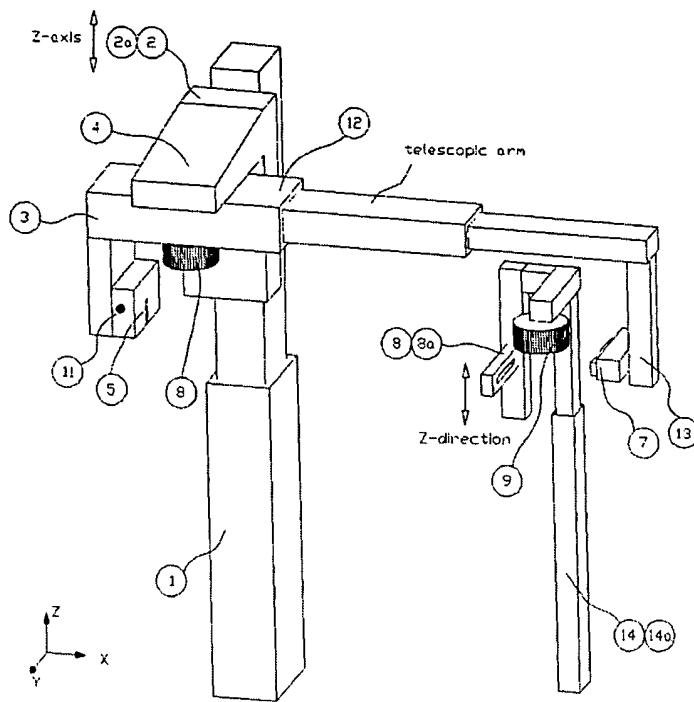


FIG. 7c:

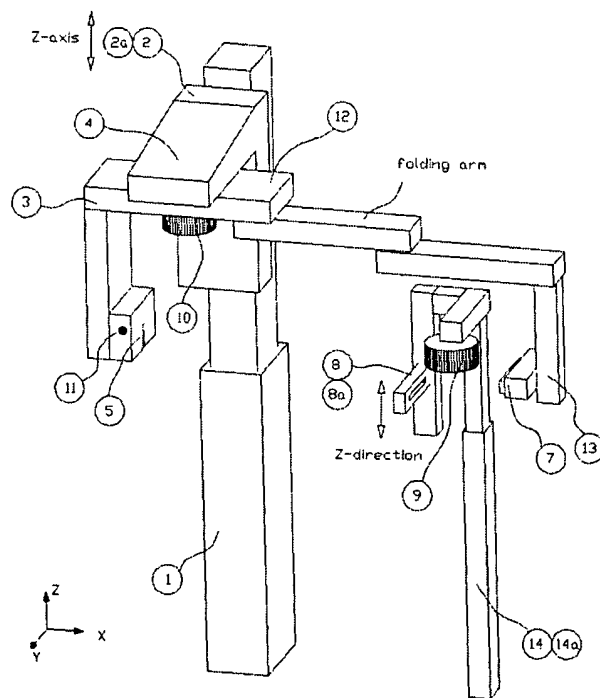


FIG. 8:

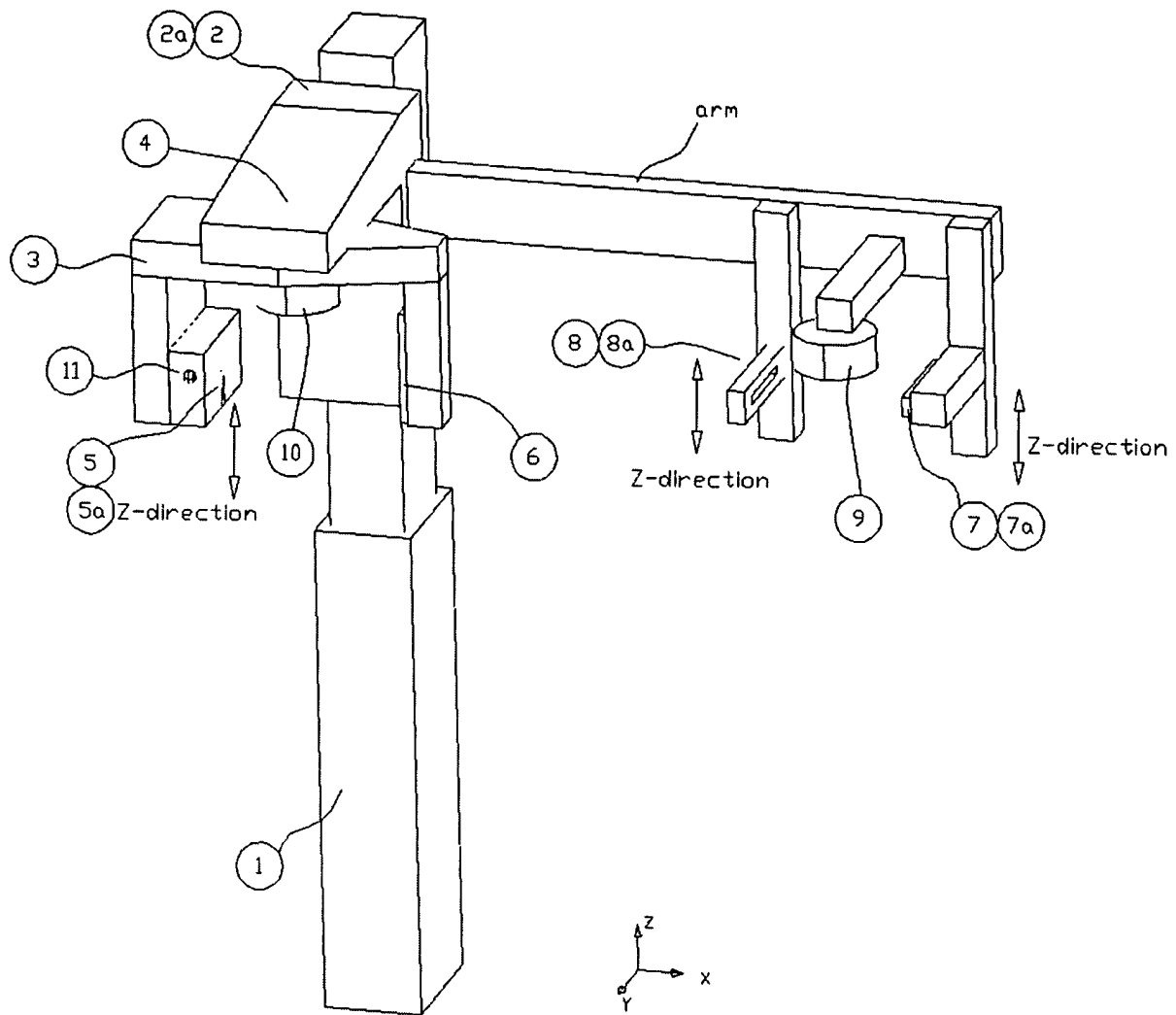


FIG. 8a:

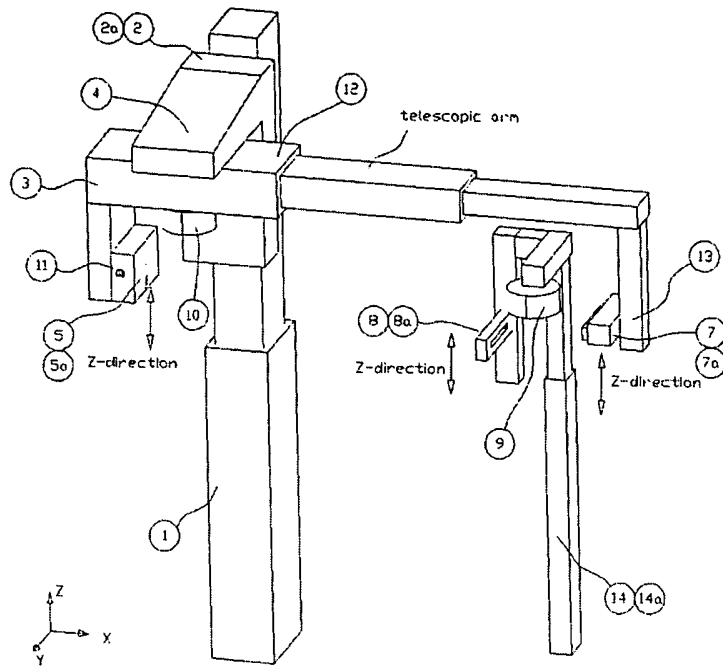


FIG. 8b:

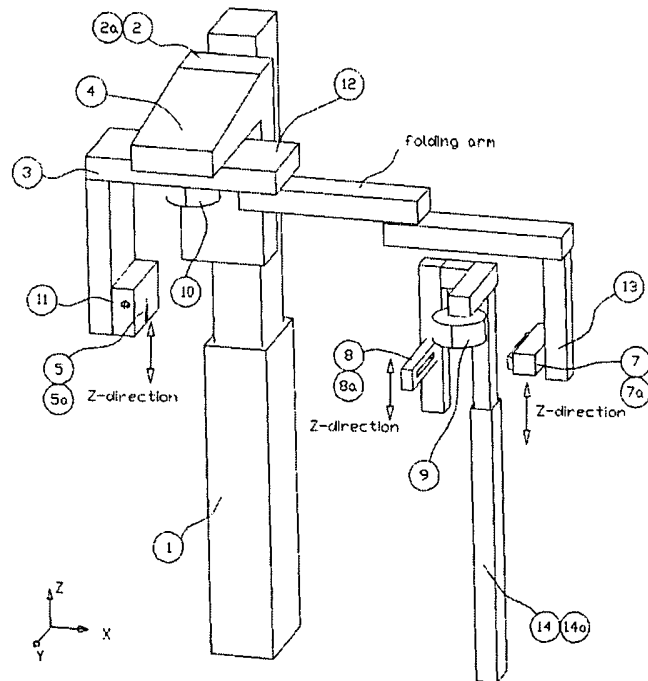


FIG. 9:

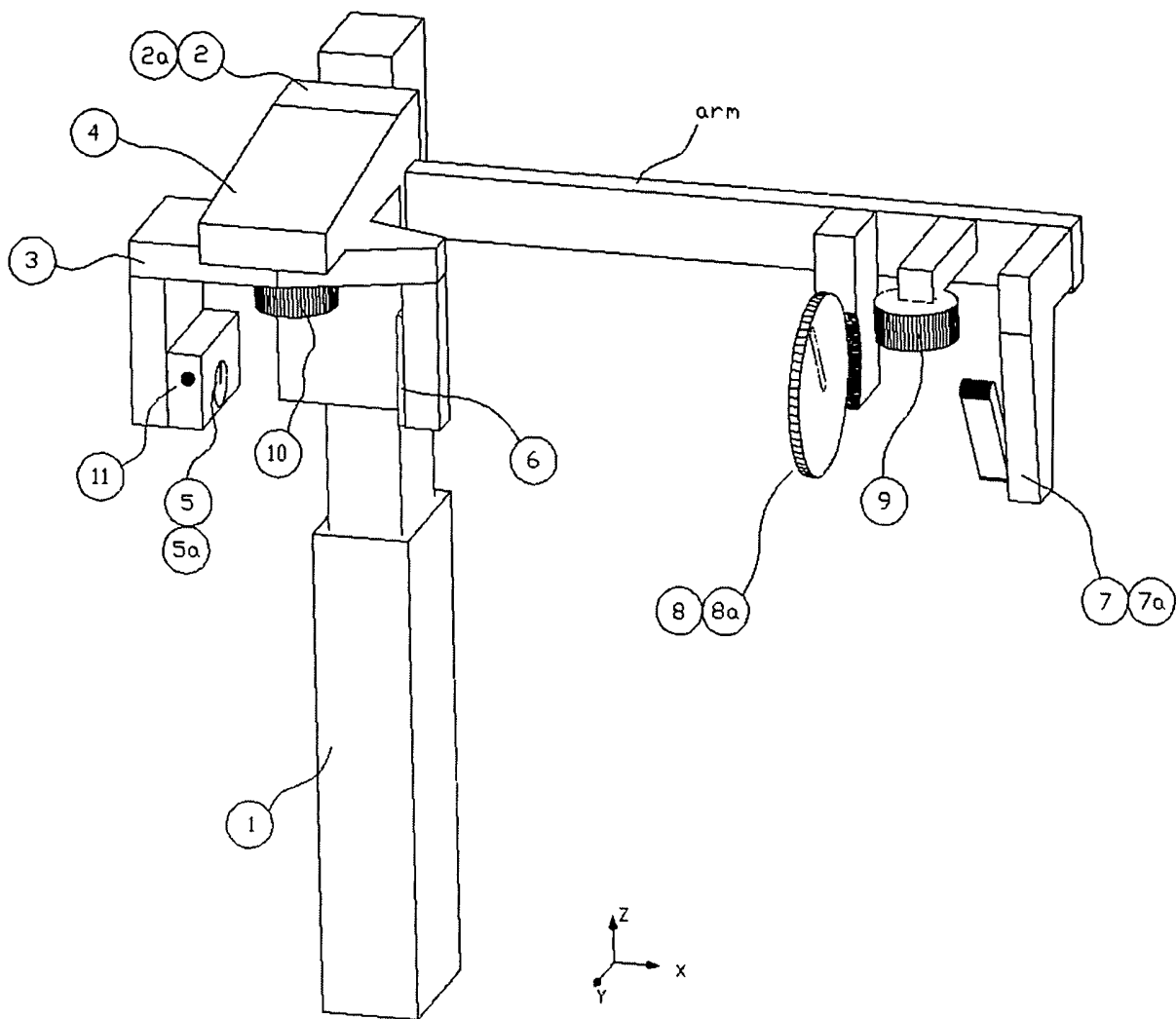




FIG. 9a:

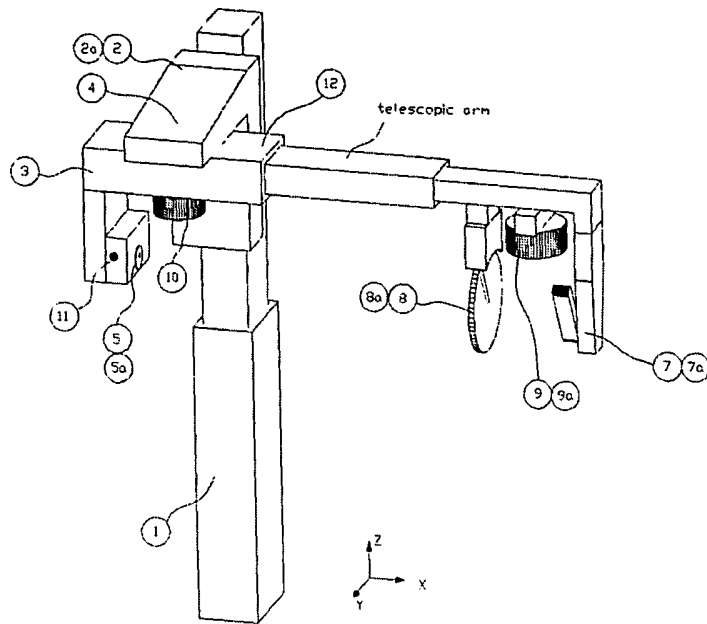


FIG. 9b:

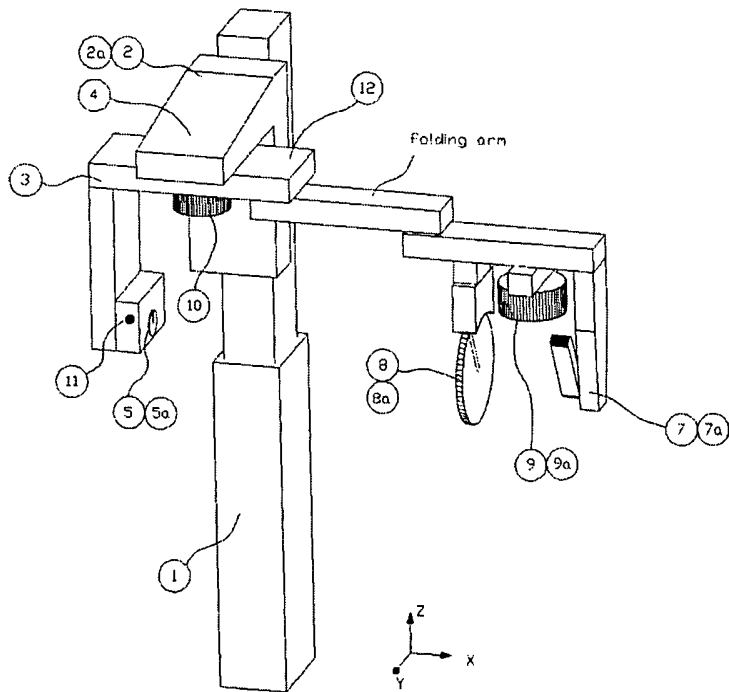


FIG. 9a':

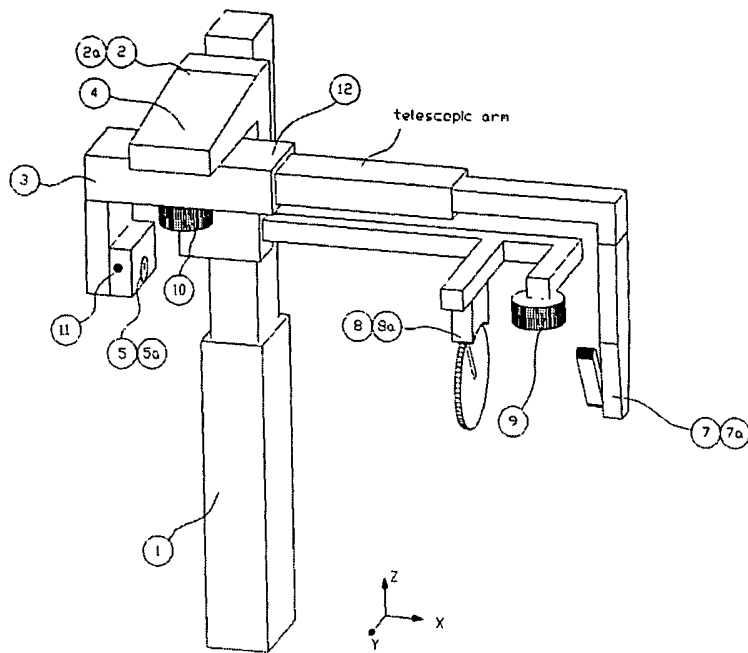


FIG. 9b':

